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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/894,326

06/28/2001

Kirk Steven Tecu

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10/05/2004

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INTELLECTUAL PROPERTY ADMINISTRATION  
FORT COLLINS, CO 80527-2400

EXAMINER

SAFAIPOUR, HOUSHANG

ART UNIT

PAPER NUMBER

2622

DATE MAILED: 10/05/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/894,326

Applicant(s)

TECU ET AL.

Examiner

Houshang Safaipour

Art Unit

2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 28 June 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 9/27/04.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-19 are rejected under 35 U.S.C. 102(b) as being anticipated by Ochi Masato (JP Publication No. 10-290321).

Regarding claim 1, Ochi Masato discloses an adapter for a scanning system, comprising: a media roll mount operable to hold a roll of media; a media gatherer operable to hold an end of the media; an adapter body operable to house at least an exposed portion of the media between the media roll mount and the media gatherer; and a media feed mechanism operable to perform a first feed operation including forwarding a predefined length of the media onto the media gatherer, the media feed mechanism operable to perform one or more subsequent feed operations to allow scanning of the entire roll of media (Drawing 3, DC motor 31, page 14 [0101]).

Regarding claim 2, Ochi Masato discloses the adapter according to claim 1, further comprising: a lamp; and a translucent panel on a bottom surface of the adapter body, the exposed portion being disposed between the lamp and the panel (Drawing 3, lamp 38, page 14 [0101]).

Regarding claim 3, Ochi Masato discloses the adapter according to claim 1, further comprising a communication interface with a scanner, the scanner having a communication

interface with a computer, the adapter operable to transmit and receive communications with the scanner and the computer ( Drawing 1, computer 14, page 6 [0044]).

Regarding claim 4, Ochi Masato discloses the adapter according to claim 3, wherein the adapter is operable to transmit a signal to the computer upon completion of each of the feed operations (page 9, [0067]-0070)).

Regarding claim 5, Ochi Masato discloses the adapter according to claim 3, further comprising: a lamp; and a translucent panel on a bottom surface of the adapter body, the exposed portion being disposed between the lamp and the panel, the adapter operable to activate and deactivate the lamp upon command of the computer (Drawing 3, page 9, [0067]-[0082]).

Regarding claim 6, Ochi Masato discloses the adapter according to claim 1, further comprising a magnetic read head operable to read embedded data on the roll of media [0026].

Regarding claim 7, Ochi Masato discloses the adapter according to claim 1, further comprising a magnetic write head operable to write data on the roll of media (page 4, [0026] & [0027]).

Regarding claim 8, Ochi Masato discloses a method of scanning images on a media, comprising: exposing a first portion having a predefined length of the media to an illumination source; impinging light on the first portion of the media; advancing the media by the predefined length to expose a subsequent portion having the predefined length of the media to the illumination source; and repeating the light impinging and media advancing steps (page 9 [0066]).

Regarding claim 9, Ochi Masato discloses the method according to claim 8, wherein exposing a first portion of the transparent media comprises exposing a first portion of a roll of photographic negatives (page 9 [0066]).

Regarding claim 10, Ochi Masato discloses the method according to claim 9, wherein impinging light on the first portion of the media further comprises transmitting light from the illumination source onto the first portion, the light transmitted onto the first portion passing therethrough, the illumination source disposed within an adapter containing the media (Drawing 3).

Regarding claim 11, Ochi Masato discloses the method according to claim 8, further comprising converting the light impinging on each exposed portion of the transparent media into electric signals (Drawing 3).

Regarding claim 12, Ochi Masato discloses the method according to claim 8, further comprising: displacing a carriage supporting the photosensitive device receiving the impinging light from a home position to a second position; and returning the carriage to the home position prior to receiving light through the subsequent portion (Drawing 3).

Regarding claim 13, Ochi Masato discloses the method according to claim 12, wherein advancing the media by the predefined length comprises advancing the media by a length substantially equivalent to the combined length of an integer number of image frames (page 7 [0048]-[0056]).

Regarding claim 14, Ochi Masato discloses the method according to claim 8, wherein impinging light on the first portion of the media further comprises reflecting light off of the first

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portion, the illumination source disposed within a reflective scanner, the light reflected off of the first portion radiated from the illumination source (page 7 [0048]-[0056]).

Regarding claims 15 and 16 arguments analogous to those presented for claims 1 and 3 are applicable to claims 15 and 16 respectively.

Regarding claim 17, Ochi Masato discloses the system according to claim 14, wherein the optic system and the one or more photosensitive devices are located on a carriage operable to impart a translation motion thereto, the carriage moving from a home position to a second position while the adapter transmits light through the exposed portion of the media, the adapter transmitting a signal to the computer after performing the first feed operation, the carriage returning to the home position after reaching the second position, the computer commanding the carriage to return to the second position after receiving the signal from the adapter (Drawing 3, carriage 51 & Drawing 1, computer 14).

Regarding claims 18 and 19 arguments analogous to those presented for claim 17 are applicable to claims 18 and 19.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Houshang Safaipoor whose telephone number is (703)306-4037.


The examiner can normally be reached on Mon.-thurs. from 6:30am to 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L Coles, Sr. can be reached on (703)305-4712. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Houshang Safaipoor  
Patent Examiner  
Art Unit 2622  
September 27, 2004



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